



Revision number:1

Purchasing Agent: Debbie Gundersen

Item: ASPHALT PRESSURE DISTRIBUTOR (TRUCK MOUNTED)

Vendor: 22979I Cate Equipment Company Inc.
P O Box 27073
Salt Lake City UT 84127-0073

Internet Homepage:

Telephone: (801) 973-2900

Fax number: (801) 973-2940

Contact: Blaine Richards

Email address:

Brand/trade name:

Price:	See Attached Price List
Terms:	Net 30
Effective dates:	03/20/99 through 03/20/01
Days required for delivery:	
Price guarantee period:	One Year
Minimum order:	One
Min shipment without charges:	Price Includes Freight
Other conditions:	

REVISION #1: CONTRACT HAS BEEN EXTENDED THROUGH 3/20/01.

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.



- 1- Asphalt Pressure Distributor (truck mounted) 3500 gallon Rosco Model Maximizer II. Delivered \$47,775.00/each

Bid identification: DG9147 Truck-Mounted Asphalt Distributor

The distributor is to be a new unit of current model and of standard production designed for one person operation. The equipment is to meet the following minimum specifications but is not limited as to features furnished by the manufacturer. The equipment is to have all standard features. The equipment is to be delivered assembled, serviced, tested and ready to operate to the extent possible. The complete unit is to have correct fluids at operating levels and unit to have all fuel tanks full.

Equipment furnished to the State of Utah must meet current state and federal safety regulations.

Bid to state terms of warranty. To have minimum two (2) year warranty on distributor and five (5) years on tank. All warranty periods shall start after equipment has been put into service.

Items Covered: 3 year distributor and 5 year tank warranty

Duration: Stated above

Functions:

The unit to include tank, heating system, pumps, valves, piping and controls to provide the following functions:

- S Load tank with pump suction.
- S Heat material in tank to controlled temperature with diesel oil fired system.
- S Circulate material in tank.
- S Circulate material in spray bar.
- S Apply material through spray bar at constant adjustable rate with computerized automatic output compensated for truck speed and spray bar length.
- S Apply material by hand spray.
- S Return material to tank from spray bar and hand spray.
- S Transfer material from tank to back to supply source.
- S Transfer material from an outside source to another outside storage without material entering tank.
- S Clean out pump, piping, spray bar and hand spray.

Tank:

- S Size of oval and length of tank to be selected to give the best load distribution on the chassis to be used.
- S Tank design and construction to meet all applicable federal, cargo tank regulations with consideration for hot asphalt products.
- S Capacity to be minimum of 3500 gal.
- S Tank to have baffles to control motion of material in tank.
- S Tank body, heads, surge plates and baffles to be 10 ga. minimum.
- S Tank dimensions and mounting to allow for legal highway loading of asphalt material on 238 inch wheelbase conventional cab chassis.
- S Baffles to have staggered 20 inch diameter holes for inspection and cleaning. Tank to have a well on top of tank with overflow pipe, 20 inch diameter manhole with gasketed cover.
- S Tank to be insulated with 2 inch mineral wool with spacer rings and aluminum or stainless jacket.
- S To have suitable ladder and handrails to manhole.
- S To have float gauge readable from ground (rear) and by drivers rear view mirror (front) and 4" dial plus pencil thermometers.
- S To have filling hose and hose tray.



- S To have full aluminum fenders with flaps.
- S Tank mounting to protect the tank from twisting, expansion and contraction. To have front and rear air controlled suction valves.

Piping:

- S All hydraulic piping shall use hydraulic fittings, standard pipe is not acceptable. All product piping and hose shall be rated for the intended service.
- There shall plug type air controlled cut off valves between tank and pump.
- S To have two (2) "U" shaped heating flue, constructed of no less than 8" diameter high temperature flue pipe, running the full length of the tank. The inlet and exhaust opening of each individual set of flues shall allow heating and minimum of material in the tank.
- S Material heating shall be diesel fueled. Heating control shall include adjustable temperature regulation, high temperature cut off and flame out protection.
- S Material pump to be powered by crankshaft (preferred) or PTO driven variable volume pump. Pump output to have electronic control and radar speed sensor.
- S Hydraulic system to include reservoir with sight gauge and 10 micron return filter with service indicator.
- S To be gear type low maintenance pump with Teflon seals or gland packing and 4 inch inlet and pump outlet. Pump capacity approximately 400 g.p.m. Pump drive to be hydraulic with computerized speed control.

Spray Bar:

- S To be full circulating type. All material shall circulate to prevent plugging of valves and nozzles by cooling material. To be large cross section rectangular shape.
- S Bar to have bi-fold 18 ft. working length with wings extended.
- S Length no to exceed 8 ft. in travel mode.
- S To have valves to prevent spraying in vertical position.
- S Spray valves to be controlled in 1 ft. increments from cab. To have individually controlled line markers.

Spray bar to shift 12 inches minimum left or right. Bar to lift to lift minimum of 18 inches to travel position and lower to within 6 inches of ground with mechanical adjustable lower limit. To have hydraulic lock to hold bar at any height. Powered bar latch. All bar motion to be by hydraulic cylinders and controlled from cab.

Spray control to be from control console located in cab. Shall provide adjustable rate and compensation of pump speed for changes in bar length and vehicle speed.

Shall control operation of nozzles on main bar and wings in increments by switches on console.

- S Control asphalt pump circulation system.
- S Control bar lift, shift and wing fold.
- S Provide metering of output.
- S Display ground speed and total distance traveled.
- S Display flow rate and total gallons spread.
- S Digital display preferred.
- S Rear control panel.
- S Control spray bar shift and lift.
- S Left and right wing fold.
- S Master switch.
- S Pump speed control.
- S Burner controls.



To have rear mounted hand held spray and hose with valves and reel to allow operation of hand spray of material.

To have provision for circulating diesel fuel from separate tank through spray system for clean out. Clean out fuel to be returned to tank. Provision for pumping contaminated fuel to outside storage for disposal. Tank to have clean out drain. To have power wash down system.

In lieu of 3500 gallon tank, approximately 4000 gallon tank comply with all above specification.

Option Price: \$49,490.00

Delivery

Delivery is to be made on or before June 30, 1999. Delivery date will be considered in evaluating bids.

Delivery must include the following:

- S dealer's invoice
- S copies of warranty
- S operator's manual and training video
- S 2 complete sets of manuals including:
parts list, repair manual, operator's manual

Cost of these manuals is to be included in bid price.

Reports:

The contractor will submit yearly reports to the State Purchasing Agent (Debbie Gundersen) showing quantities and dollar volume of purchases by each agency and political subdivision. This report will be due by March 20, 2000.

FINET COMMODITY CODE(S): **FOR AGENCY USE ONLY**

75510000000 - ASPHALT DISTRIBUTORS, LEVELERS, MIXERS, CRACK SEALING
EQUIPMENT